

MARIPOSA BIOMASS PROJECT

Project Development Progress Report

January, 2017

HIGHLIGHTS

- ◆ The site boundary and topography survey was completed.
- ◆ Steve Smallcombe was appointed Chief Technology Officer for the non-profit
- ◆ After a discussion with the assistant fire chief Jackson, the decision was made to include a 100,000 gallon fire water storage tank on the upper parcel.
- ◆ After a discussion with the county health department it was decided to use the existing well on parcel 1 to supply make up water to the facility,
- ◆ We were advised by the Planning Department that since bioenergy was not listed as a specific use in the regulations governing the industrial park, we may need to apply for a Conditional Use Permit. Note this item is still under discussion.
- ◆ Cortus has indicated that they intend to recycle the condensate generated by the process as a means to minimize water usage.
- ◆ Cortus is also considering the addition of Organic Rankine Cycle (ORC) turbine generators to convert the waste heat generated by the reciprocating engines to additional electricity, which improves the overall efficiency of the process.

WORK COMPLETED

- MEETINGS:** ◆ Biomass group meetings were held on January 17 and January 31
- PRESENTATIONS:** ◆
- AGREEMENTS:** ◆ The RCD entered into a services agreement with Jones Snyder for the site survey
- SITE CONTROL:** ◆ Escrow has closed on the property

WORK COMPLETED

- EPIC GRANT:** ♦ MBP was advised that the notification schedule may be delayed until April 2017.
- PERMITTING:** ♦ MBP was advised that the project may require a Conditional Use Permit
- SYSTEM IMPACT STUDY** ♦ A draft Scope of Work was completed as well as a list of three possible firms to bid on the work.

LOOKING AHEAD

- MEETINGS:** ♦ Monthly MBP meeting February 14, 2017
- PRESENTATIONS:** ♦
- AGREEMENTS:** ♦ Civil design services agreement
- ♦ Electrical engineering services agreement (SIS)
- DEVELOPER:** ♦ Site Plan (needed for CEQA and SIS)
- ♦ Electrical equipment data and load list (needed for SIS)
- PERMITTING:** ♦ Initiate the CEQA process, kick off meeting with Sarah Williams
- ♦ Complete preliminary grading plan
- SYSTEM IMPACT STUDY** ♦ Issue RFP for an electrical engineering consultant to assist in preparing the application
- EPIC GRANT** ♦

WORK COMPLETED

SCHEDULE

- ◆ The development schedule has been updated. Two major milestones are planned for February, the SIS application submittal and the CUP application submittal.

DEVELOPMENT ISSUES

- ◆ None